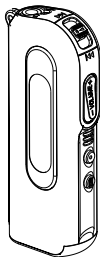FM-6603

User Manual
Digital Mp3 Player

Thank you for purchasing Foxda digital Mp3 Player. Please read through the user manual carefully beforeoperating the machine in order tomaximize the ability and life of our product. Please take good care ofthis manual for future reference. The appearance of our players shown in the manual may differ from the actual products since allpictures are based on the prototypeof our models.

We strongly recommend you to read through this manual before connecting this machine with any PC. If you want to connect this player with the PC, please first connect the USB cable to the player and then to the PC. If you want to disconnect the player from the PC, Please first unplug the cable from the PC. Our company will not take the responsibility for damage caused by any inappropriate operation.

As some components would take up spaces in the flash memory, it is normal to find out that the available memory size is lesser than normal.

CE FC Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

⚠

This device complies with Part 15 of the FCC Rules.Operation is subject to the following two conditions:(1)this device may not cause harmful interference received,including interference that may cause undesired operation.

Content

OVERVIEW

This player is an MP3 player with removable storage hard disk and fashionable appearance. It is user-friendly, easy to operate and provides recoding, music playing and repeating function.

Player overview
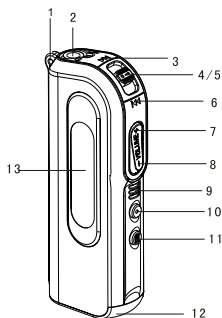
1. Neck Strap Loop
2. Earphone/USB port/CD Line-in Jack
3. FF
4. PLAY
5. STOP
6. RW
7. Vol +
8. VOL-
9. Internal Microphone
10. REC/A-B/EQ
11. Menu
12. Battery Cover
13. LCD

Note: Press 10&11 Button toenable the "hold" function.
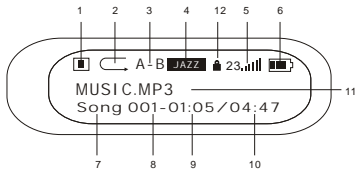
LCD

1. Status indicator
2. Play mode display
3. Repeat A-B display
4. EQ
5. Volume
6. Power
7. Function Status
8. Song No.
9. Current Music playing time
10. Totalmusic playing time
11. Song message
12. Hold status
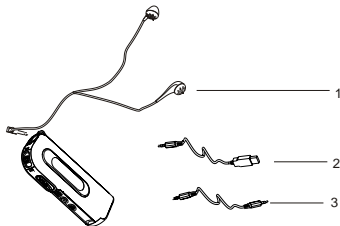
Earphone overview

1. Ear piece
2. USB cable
3. CD Line-in

Accessories

1.USB cable   4.CD-ROM
2.Earphone   5.Neck Strap
3.Manual   6.CD Line-in cable

Features

- □ Small in size, all-roundfunctions
- □ One jack for USB, earphoneand CD Line-in connection (patent)
- □ Online FM recording
- □ CD Line-in
- □ Animation Menu

- □ Playback MP3/ WMAmulti-format files
- □ Equalizer mode options: Normal, Classic,Jazz, Pop, Rock, DBB.
- □ LCD display, bluelight background.
- □ A-B repeat function
- □ 10 hours recording time (128MB)
- □ 12MB full speed USB internalflash memory
- □ Low power consumption,AAA battery (12hrs continuous playback time)
- □ No driver required for windowsme/2000/xp (except Windows 98SE)
- □ Compact and light in Weight, Stylish appearance
- □ Multilanguage version

Data reference

Size	74 x 31 x 15 mm
Weight	25 g
Power Source	1.5V "AAA" Alkaline Batt.
Frequency Range	(+-1db) 20Hz - 20KHz
Frequency	8 KHz - 48 KHz
Encode	ISO 11172-3 (MPEG 1.0 Layer3)
Bit Rate	64 kdps - 320 kdps
Distortion	(1Khz) 0. 1%
SNR	>80 db
MP3 (Sound Track Separation)	>80 db
MP3 (Dynamic Range)	>93db
Recorder Length	16 bit
Transfer Speed	12Mb Full Speed USB
Delivery Speed	4 Mbps
Power Out	>5mW*2

Operational Notes

" If the MP3 player will not be operated for a prolonged period, remove the battery to avoid possible damage caused by electrical leakage.

" The MP3 player should be kept in areas free from extreme temperature changes, moisture and dust.

" Set the HOLD switch to release position before operation

" Do not drop the player

" Battery life may vary depending on usage condition and manufacture date.

" Please change the battery under Low Battery indicator displayed.(All buttons are not responding even after the battery has been taken out and replaced)

" Do not use the player for a very long period in order to protect your audio ability

" If the player stops running under proper operation, please reset by taking out battery.

" Do not use player when driving or cycling.

" The optimum temperature for operation is 5 -45 degree Celsius(41F-95F) with humidity between 10% and 75 %.

FOXDA

Operating Instructions

Load battery

Open the battery compartment and load one AAA7 battery as directed by "+" and "-" .

Change battery

When the LCD displays "Low Battery" , it indicates a need of battery change. Turn off the machine before replacing a new battery.
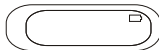
Turning the power on/off

The OSD with blue backlight appears when PLAY/STOP button is pressed. The length of time for the backlight to stay on is depending on user setting. Switching the power off by pressing on the PLAY/STOP button continuously. When the machine has idled for a while, auto power off will activate according to the time set by user. You can set "Disable" function to let machine cancel this function.

FOXDA

power off
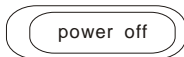
Functional Options

Music playing, voice playing& recording, radio function

Press "Menu" to select music mode. Thenpress "Menu" again to confirm playing music(machine will automatically switch back to music modeif no operation for morethan 10 seconds). You can play Mp3 andWMA format files inthis mode. LCD displays "music" as:

Music play mode

```
■ A-B JAZZ 23 
♫ Music
```

Press "Menu" button into music mode. Press "+" button to select voice modeand press "Menu" button again to confirm this mode. Itis the same procedure transferring from "voice mode" to music mode. LCD displays voice as:

Voice play mode

```
■ A-B JAZZ 23 
🎙 Voice
```

Press "Menu" button into music mode. Press "+" button two times to selectFM Tuner mode. Press "Menu" again to confirm FM Tuner mode.Press "Menu" button into music mode.

FM mode

```
■ A-B JAZZ 23 
📻 FM
```

Press "+" , "-" button to select music,voice, radio,settings, erase files about orexit mode. Press "Menu" again to confirm selection. (Ref. P. 15)

Music playing functions

The default OSD is in stop status under music mode

```
┌─────────────────────────┐
│ ▣ ⊏ A-B JAZZ 23◢ ▇ │
│ MUSIC.MP3               │
│ Song 001-01:05/04:47    │
└─────────────────────────┘
```

■ Play/Pause/Stop/FF/RW

Press Play/Stop ▶\■ button to play, LCD displays as:

Under playing music mode, LCD displays music mode

```
┌─────────────────────────┐
│ ▣ ⊏ A-B JAZZ 23◢ ▇ │
│ MUSIC.MP3               │
│ Song 001-01:05/04:47    │
└─────────────────────────┘
```

Press Play/Stop button ▶\■ again to pause playing. LCD displays as:

LCD displays pause mode when music is pause playing

```
┌─────────────────────────┐
│ ▣ ⊏ A-B JAZZ 23◢ ▇ │
│ MUSIC.MP3               │
│ Song 001-01:05/04:47    │
└─────────────────────────┘
```

Under play or pause mode, press down Play/Stop ▶\■ button for 3 seconds to jump to stop mode, and press Play/Stop button again to return to playing music mode, LCD displays as:

Note: Only in stop mode, hold play/stop button to switch off the machine. If the machine is playing, please stop playing first before switching off.

LCD displays stop mode when music is stopped playing

```
┌─────────────────────────┐
│ ▣ ⊏ A-B JAZZ 23◢ ▇ │
│ MUSIC.MP3               │
│ Song 001-01:05/04:47    │
└─────────────────────────┘
```

Press FF ▶▶ button to select next song. Press RW ◀◀ button to select previous song.

```
┌─────────────────────────┐
│ ▣ ⊏ A- JAZZ 23◢ ▇ │
│ MUSIC.MP3               │
│ Song 001-01:05/04:47    │
└─────────────────────────┘
```

RW/FF operation will cause song information to change.

```
┌─────────────────────────┐
│ ▣ ⊏ A-B JAZZ 23◢ ▇ │
│ MUSIC2.MP3              │
│ Song 002-00:01/05:12    │
└─────────────────────────┘
```

■ VOL+/ VOL-

By pressing VOL+/VOL- button, you could control the volume under either Play or Pause mode. The volume steps (see illustration) will increase or decrease when then the VOL+/VOL- button is pressed correspondingly.

TRYING MUSIC.MP3
Song 001-01:05/04:47

Volume adjustment can be displayed by digit change

TRYING MUSIC.MP3
Song 001-01:05/04:47
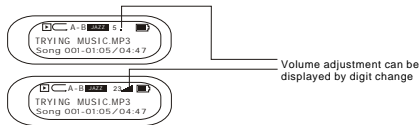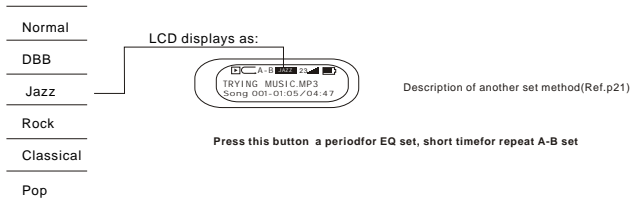
■ Repeat A-B function

Under music/voice mode, you can press A-B/EQ button to select A and B, then A-B music or voice will play continuously. Press A-B/EQ button to cancel, LCD displays as:

TRYING MUSIC.MP3
Song 001-01:05/04:47

Repeat A-B setting display

TRYING MUSIC.MP3
Song 001-01:05/04:47

Remark: Under stop mode, this function is out of operation. Press A-B/EQ/REC for a period of time to change into EQ setting. (For EQ setting please refer to P. 13)

■ EQ setting

Under the playing mode, press A-B/EQ button for a period of time to select 6 different music modes:

Normal

DBB

Jazz

Rock

Classical

Pop

LCD displays as:

TRYING MUSIC.MP3
Song 001-01:05/04:47

Description of another set method(Ref.p21)

Press this button a period for EQ set, short time for repeat A-B set

■ Music/Voice information display:

When in play/stop status, the display will scroll to show the information of music or voice file, e.g. song title, distributor, copyright, etc. The next line shows the song or voice file number, e.g. song001 or voice001. Next it is the current playing time of the music or voice file, and then the total playing time.
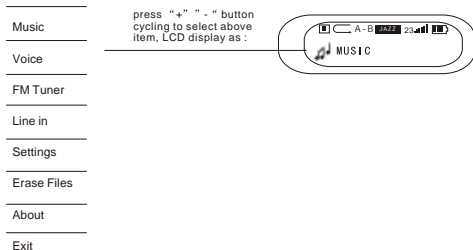
MUSIC.MP3
Song 001-01:05/04:47
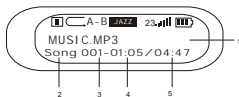
1. Song title animation rolling
2. music or voice
3. music or voice file number
4. Current playing time
5. file total time

FOXDA

Advanced function

Advanced function

Followed are the more advanced functions of our MP3 player for you. You can press "Menu" button to select 6 modes

Music
Voice
FM Tuner
Line in
Settings
Erase Files
About
Exit

press "+" " - " button cycling to select above item, LCD display as :

■ □ A-B JAZZ 23 ■■

MUSIC

■ MENU

Press "Menu" button to enter this mode. Press "+" . "-" to cycle selecting above 6 functions and press "Menu" button again to confirm your selecting.

Note: No operation in 5 seconds, machine returns to latest setting mode.

◼ **Music mode (Ref. P. 10)**

This is the default mode. Users can play MP3/WMA files under this mode. Users can also run repeat (Ref.P. 22) /A-B/RW/FF/V+,-/EQ setting in this mode.

◼ **Voice mode**

Under music mode, press "Menu" button and "+" button to select voice mode then press "Menu" button to confirm . Under voice mode, you can select play/record/repeat/A-B/RW/FF/V+,-/EQ setting.

1. Play/RW/FF/V+,- (Ref. Page 11)

2 . **Recording**: **Under voice mode, LCD display as**

1. Display Stop status
2. Voice filename and path
3. Voice file icon
4. Voice file number
5. Voice file current recording time
6. Voice file total recording time

Start Recording

Under Voice Function, press "A-B/EQ" button to start recording(build-in Microphone, microphone's position can be seen in P.2). The display is as follows:
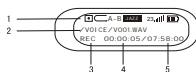
1. Recording Function display
2. Name and track of recorded file
3. REC Function
4. Time of recorded file
5. Total time of recorded file

Stop Recording

Press "A-B/EQ" button again to stop recording.

Play Recording

The operating procedure is the same as operating music files (Ref. page 11).
(Display reference in Page 13)

Note: "A-B" repeat function only works in playing or pause mode. Users cannot use this function in recording or stop mode.
Press "A-B/EQ" for awhile and then users can adjust the "EQ" mode in play/stop/pause status. Users cannot use this function in recording mode.
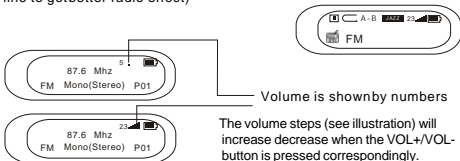
Name your recorded files

Users can name your recorded files according to your own preference for your convenience (Ref. Page 29)

FM Tuner

■ FM tuner mode

Press "Menu" button and press "+,-" to select FM tuner, and then press "Menu" to confirm.
(Adjust the direction of earphone line to get better radio effect)

■ VOL+/VOL

Volume is shown by numbers

The volume steps (see illustration) will increase decrease when the VOL+/VOL- button is pressed correspondingly.

■ Auto search

Press 'menu' button to auto search and memorize up to 32 radio channels.

■ FM fine tuner

Press ►►I or I◄◄ to finetune. By pressing "A-B/EQ" button for a moment, the machine will memorize the current radio frequency. If you want to repeat the auto search function, press stop/play button until 'P' appeared on the screen, then press ►►I and I◄◄ to activate the auto search function again. Similarly, if you want to finetune any channels, you only need to press play/stop button once till the 'p' disappeared from the screen. You may now finetune the channel by press the "A-B/EQ" button for a while.

Press ►►I or I◄◄ to finetune
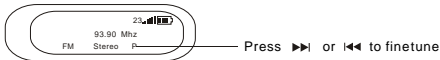
■ FM Recording

Press " A-B/EQ " button to start recording the current listening radio channel. The display is shown below:

Press the same button again to stop recording. You can play the recorded file in voice mode. The display is shown below:

■ Playing recorded FM files

Press 'Menu' button to return to voice playing mode. Press ▶▶| and |◀◀ to search for the recorded files and press play button to play the file. You can treat the file as common music file to run EQ setup and other related functions

■ Operation of FM files in PC

When the USB connection between the mp3 player and PC has completed, you can find that there is a folder called 'FM' in the player. Inside you can find the recorded FM files. Just like other music files, you can rename, copy or delete the Recorded FM files.

■ Quit FM Tuner mode

Press 'Menu' button to quit FM tuner mode and back to music or voice mode.
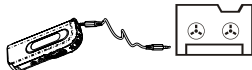
Record the current listening channel

Play the FM files under voice mode

■ Line-in recording function

1.Connection   Use the CD line-in cable to connect the player with CD player
(or other audio equipment) as shown below:

2.Recording

Press " Menu " and then press " +, - " to select " Line IN ". Press " Menu " to confirm and start recording.
As the meantime, press the play button on the CD player and start
the recording as shown below:

```
□ ⊏▯      ▭▭▭ 23▮▮
/Line in/L001.WAV
REC  00~:00:49/08:06:09
```

3.Playing recorded files

Press " Menu " button to return to main menu and select music playing mode. Press ▶▶| and |◀◀ to find the wave file 001.WAV. Press play to listen to the recorded music files from CD. You can configure and adjust the EQ mode of the file just like the normal music files.
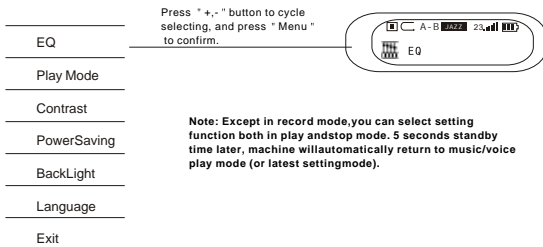
Press " rec " to stop recording,
and press it again to start recording.

```
□ ▯      ▭▭▭ 23▮▮
/L001.WAV
Song  001-01:55/08:16
```
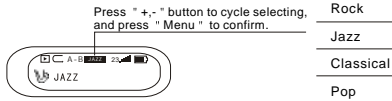
4.Operation on recorded music files

Connect the player with PC by a USB cable. You may find a folder called "LINE In" in the flash memory of mp3 player. Inside you can find the file you have recorded. Like common music files, you may also play/rename/copy/delete the file.

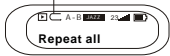**Settings**   Enter this mode according to the instructions in Page 15.

Press " +,- " button to cycle
selecting, and press " Menu "
to confirm.

| EQ |
| Play Mode |
| Contrast |
| PowerSaving |
| BackLight |
| Language |
| Exit |

**Note: Except in record mode, you can select setting
function both in play and stop mode. 5 seconds standby
time later, machine will automatically return to music/voice
play mode (or latest setting mode).**

Ⅰ. EQ Setting (Ref. page 13 for another
setting method)

Press " +,- " button to cycle selecting,
and press " Menu " to confirm.

| Norma |
| DBB |
| Rock |
| Jazz |
| Classical |
| Pop |

2 . **Play Mode**

playing mode includes:

Press " +, - " button to cycle selecting, and press " Menu " to confirm.

A-B JAZZ 23
Repeat all

| Normal |
| Repeat singlesong |
| Repeat all |
| Shuffle play |
| Shuffle repeat |

3.Contrast

User can customize the contrast setting for better visual effect.

A-B JAZZ 23
Contrast
Level

Press "+/-"button to display relative change,
and press "menu"button to confirm

4.Power Saving

In order to save power, the machine can be set to autopower-off if it has idled for a certain period of time under voice and music mode.
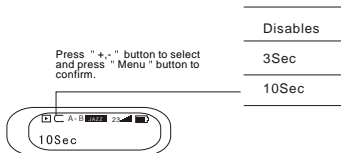
Press " +,- " to select and press " menu " to confirm.

A-B JAZZ 23
2Mins

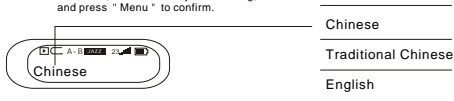| Disable |
| 1Min |
| 2Mins |
| 5Mins |
| 10Mins |

5.Backlight

User can disable or change the backlight
lasting time in this setting.

Press " **+**,**-** " button to select
and press " Menu " button to
confirm.

Disables

3Sec

10Sec

```
 ▣ C  A-B JAZZ  23 📶 🔋
  10Sec
```

6.**Language**

Press " **+**, **-** " button to cycle selecting,
and press " Menu " to confirm.

Chinese

Traditional Chinese

English

```
 ▣ C  A-B JAZZ  23 📶 🔋
  Chinese
```
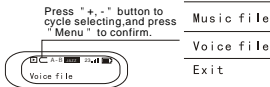
7.Exit

```
 ▣ C  A-B JAZZ  23 📶 🔋
  Exit
```

When LCD displays " Exit ", press " Menu " to confirm, and return to
setting mode.

■ **Erase files (Ref. P. 15)**

Press " +,- " button to
cycle selecting,and press
" Menu " to confirm.

	Music file
	Voice file
Voice file	Exit

Erase music files

File name

TRYING MUSIC.MP3
Delete the file? Yes No

**Press " +,- " to cycle selecting yes
or no, and then press " menu "
to confirm.**

**Press ►►I I◄◄ to cycle the music files
selection**

File name

2TRYING MUSIC.MP3
Delete the file? Yes No

File deleted

**When the files has beenerased,
you can see the display shownabove**

Erase voice files

**Press " +,- " to cycle selecting yes orno,
and then press " menu " to confirm.**

**Press ►►I I◄◄ to cycle the music files
selection**

/VOICE/V001.WAV
Delete the file? Yes No

File name and path

/VOICE/V002.WAV
Delete the file? Yes No

File name

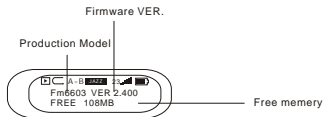File deleted

**When the files has beenerased,
you can see the displayshown above**

Note: Under "delete" mode, 5 secs standby timecan cause the machine toreturn to
voice/music mode (or the latestsetting mode)

Firmware VER.

Production Model

■ About

Please refer to P. 15 on how to enter this mode:

```
▶□⊂ A-B ♫♪ 23 ◀█▶
Fm6603  VER 2.400
FREE  108MB
```

Free memery

Note: As some components would take up spaces in the flash memory, it is normal to find out that the available memory size is lesser than normal.

■ Exit

Please refer to P. 15 on how to enter this mode:

```
▶□⊂ A-B ♫♪ 23 ◀█▶
⏎ Exit
```

Press menu to return to music or voice mode (latest running mode)

Note: Under this mode, 5secs standby time can cause the machine to return to voice/music mode (or the latest setting mode)

FOXDA

CONNECTION WITH COMPUTER

■ Requirements for computer system

1. Operating systems: Microsoft Windows 98 SE, Windows Me, Windows 2000, Windows NT, Windows XP
2. CPU: Intel Pentium3, Pentium 4 or above CPU
3. Memory: 64 MB or above
4. HD: 200MB idle memory and above
5. Interface: full-speed USB
6. CD-ROM
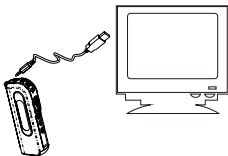
■ Connection with computer

Connect the USB cable with the computer USB port.

■ Installation of Driver

After connecting with computer, Windows 2000/ME/XP will automatically identify and install the driver. The machine is ready to use when a "removable drive" icon appears in "my computer". The attached CD-ROM is needed for Windows 98SE to install Driver.

The icon will be displayed here after installation

The icon will be displayed in "my computer" after installation

Windows 98SE CD-ROM installation

Put the attached CD-ROM into computer, and then install the software according to instruction.

Computer difference can display some changes

■ Save and rename music and voice files

After successful connection between the
machine and computer, it is displayed as:
Double-click removable disk, it is displayed as:

Ready

FM file

Music file

Voice file

Line in file
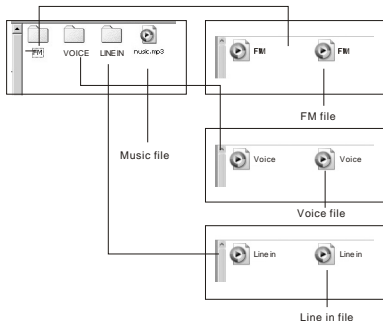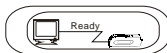
Note: This machine can recognize and play .Mp3, .WMA and .WAV format files

The operating procedure of the removable flash disk is the same as normal USB storage device. Users may copy files to relevant folder. You may also rename it for your own convenience

Writing status

Write

The icon will move when it is writing or deleting files
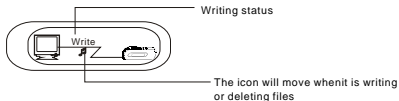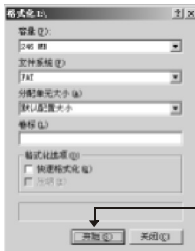
■ **Disconnection with computer**

Please follow the instruction below for disconnection between Mp3 player and computer.
Right click "plug and play" icon then select "safe to delete" to disconnect

安全■除硬件 (S)

Note: Do not unplug the machine with computer when the file is reading, writing or deleting. Foxda Technology is not liable for any damage/lose of any files.
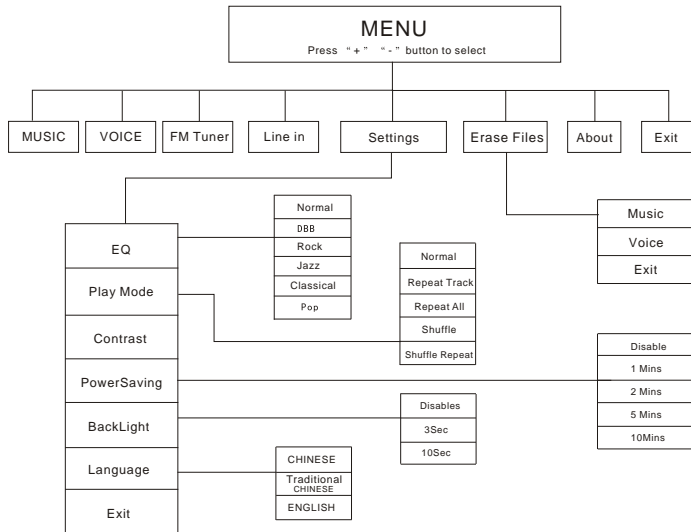
Formatting

Right click the "removable disk" icon then select "FAT" mode to format. The machine may not be able to play music if "FAT32" or "NTFS" mode selected. To recover, please format the machine again as "FAT" mode.

Press"Begin"button

General question&answer

Problems	Possible causes	Suggested solutions
Unable to switch on the machine	• No battery • Incorrect battery position	• Change for new battery • Place the battery appropriately
No audio output from the earphone	• Loosen plug • Volume is "0" • Check the battery status • Check the plug for whether it has oxidized or covered by any dirty stain • Corrupted Mp3 or Wav files	• Re-plug the earphone • Increase the volume • Change the battery • Clean the plug • Re-download related files
LCD cannot display	• Wrong lang. setting • Do not support certain lang.	• Choose the correct lang. • Browse our website for latest version
Poor FM receiving	• Signal too weak • Interfere by other electronic appliances	• Adjust the position of earphone • Close and stay away from the electronic appliances that interfere the signal
Cannot upload/download Mp3 /WMA/WAV files	• Check the battery • Check the USB connection • Mal-function USB cable • Out of memory	• Replace the battery with a new one • Reconnect the USB cable • Use another USB cable • Delete files to release more memory
Cannot record or receive FM	• Out of memory	• Delete files to release more memory

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                          MENU
                Press " + "  " - " button to select
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| MUSIC | VOICE | FM Tuner | Line in | Settings | Erase Files | About | Exit |

Settings

- EQ
  - Normal
  - DBB
  - Rock
  - Jazz
  - Classical
  - Pop
- Play Mode
  - Normal
  - Repeat Track
  - Repeat All
  - Shuffle
  - Shuffle Repeat
- Contrast
- PowerSaving
  - Disable
  - 1 Mins
  - 2 Mins
  - 5 Mins
  - 10Mins
- BackLight
  - Disables
  - 3Sec
  - 10Sec
- Language
  - CHINESE
  - Traditional CHINESE
  - ENGLISH
- Exit

Erase Files

- Music
- Voice
- Exit

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